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JAN 4 - 2012

Permit Section

ANNUAL REPORT

Operation Name: Kirksey Farm

Date Submitted: /-2-12

For 2011

Number and types of animals on site.	Types:	Numb	per:
	broiler	1,1	49,000
2. Estimated amount of litter, litter, compost and/or process wastewater	Amount:		
generated in the previous calendar year.		5 tones	
3. Estimated amount of litter, litter, compost and/or process wastewater	Amount Trans	sferred:	
transferred to a 3rd party in the previous calendar year.	97	5 tones	
4. Total number of acres for land application covered by the nutrient	Acres:		
management plan.	6	2	
5. Total number of acres under control of the landowner that were used	Acres:		
for land application of litter, litter, compost and/or process wastewater in the previous calendar year.	0)	
6. Summary of all litter, litter and/or process wastewater discharges to	Date:	Time:	Volume:
waters of the state from the production area that have occurred in the	Date.	ime.	VOIGITIE.
previous calendar year, include date, time and approximate volume.			
7. The current version of the Comprehensive Nutrient Management Plan	Yes No	Comments:	
was developed and/or approved by a certified nutrient management			
planner.	yes		
	7		
I Certify under penalty of law that this document and all attachments were printed in accordance with a system designed to assure that qualified personnel prosubmitted. Based on my inquiry of the person or persons who manage the responsible for gathering the information, the information submitted is, to the accurate, and complete. I am aware that there are significant penalties for the possibility of fine and imprisonment for knowing violations.	operly gather ar system, or thos e best of my kn	nd evaluate the e person's di owledge and	e information rectly belief, true,
1 8/1	,	- 2 - 17)
Signature: Break O/hihay	Date:/	-2-12	
	Daw.		
Mail a completed form to the following ag			
Tennessee Department of Environment and			
Division of Water Pollution Contro			
6th Floor L&C Annex, 401 Church St Nashville, TN 37243	reet		
And			
Tennessee Department of Agricult	ure		
Ellington Agricultural Center			
P.O. Box 40627			
Nashville, TN 37204			

Appendix B

Agreement for the Removal of Litter, Manure and/or Process Wastewater from an AFO

The conditions listed below help to protect water quality. These conditions apply to litter, manure and/or process wastewater removed from an AFO. The material covered by this agreement was removed on

litter from the facility kinksy from owned by Edward Kinksex

A. The litter, manure and/or process wastewater must be managed to ensure there is no discharge of

located at 177 Kirksey Dr Ower TN 37361

	litter, manure and/or process wastewater to surface or groundwater.
B.	When removed from the facility, litter, manure and/or process wastewater should be applied directly
	to the field or stockpiled and covered with plastic or stored in a building.
C.	Litter, manure and/or process wastewater must not be stockpiled near streams, sinkholes, wetlands or
	wells.
D.	Fields receiving litter, manure and/or process wastewater should be soil tested at least every two or
	three years.
E.	A litter, manure and/or process wastewater nutrient analysis should be used to determine application
	rates for various crops.
F.	Calibrate spreading equipment and apply litter, manure and/or process wastewater uniformly.
G.	Apply no more nitrogen or phosphorus than can be used by the crop.
H.	A buffer zone is recommended between the application sites and adjacent streams, lakes, ponds,
	sinkholes, springs and wells.
I.	Do not apply litter, manure and/or process wastewater when the ground is frozen or on steep slopes
,	subject to flooding, erosion, during rain events, or onto saturated soil, or rapid runoff.
J.	Cover vehicles hauling litter, manure and/or process wastewater on public roads.
K.	Keep records of locations where poultry litter will be used as a fertilizer.
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ı, عر	am the person receiving the litter and do understand the above conditions.
1	am the person receiving the litter and do understand the above conditions. (Name). (Name).
	and 2011

AGRICULTURAL DIAGNOSTIC LABORATORY UNIVERSITY OF ARKANSAS - FAYETTEVILLE

***MANURE FOR FERTILIZER ANALYSIS (report for AGRI-429)

Name:	FRANK KIRKSE		(. opon	Received in lab:	12/12/11	
Address:	177 KIRKSEY D			Mailed:	12/16/11	
City:	OCOEE			State,Zip:	TN 37361	
County:	POLK			CK#:	1886	
Lab. No.	M11537					
Sample No.	1					
Animal type -age/lbs	broilers	:				
Bedding type	shavings/sawdus	st				
Manure type	cake		-			
Sample date	12/09/11					
Age of manure	4 months					
pН	8.3					
EC(umhos/cm)	14840			***************************************		
% H20	19.50					
		-on dry	basis-			
Total %N	3.87					
Total %P	2.71	_,				
Total %K	3.65					
Total %Ca	5.73					
Total %Carbon	33.78				*	
NO3-N, mg/kg						
NH4-N, mg/kg						
	0.40	-on as-is	s basis-			
Total %N	3.12					
Total %P	2.18					
Total %K	2.94					
Total %Ca	4.61					
Total %Carbon	27.19					
NO3-N, mg/kg	-					
NH4-N, mg/kg						
	00.4	-IDS/ton	on as-is basis-			
N	62.4					
P2O5	99.8					
K2O	71.1	<u> </u>	****			···
Ca	92.2					
Total Carbon	543.8					
NO3-N	-					
NH4-N						

^{***}all analyses performed on "as-is" basis/ "dry" basis is calculated from moisture content

^{*}lbs/ton P2O5 = %Total P on "as-is" basis multiplied by 20*2.29

^{*}lbs/ton K2O = %Total K on "as-is" basis multiplied by 20*1.2

Litter for 2011

	1-16-11-1-22-11 6 Loads Dewithe Dotton
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		-dead	9 9,856	place	193,500	
	6-11	dead	8,036	place	195,000	
	8-11	deud	9,620	place	190,900	
	10-11	dead	7,413	place	192,000	
	12-11	deud	9, 785	place	194,100	
		taal	57,967		1,159,000	
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Daily Water/Cooling Inspection

October 2010

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Daily Water/Cooling Inspection

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August 2011

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Daily Water/Cooling Inspection

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storm water drainage

1/01/10	1/01/11
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5/01/10	5/01/11 /
6/01/10	6/01/11 /
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8/01/10	8/01/11
9/01/10	9/01/11
10/01/10	10/01/11 /
11/01/10	11/01/11
12/01/10	12/01/11

	Rain	Fall 2011
	1-25-11 1"	9-21-11 ,5"
	1-26-11 5"	9-22-11 1,75"
	2-1-11,5"	9-23-11 ,25
	2-4-11 .4"	9-26-11 ,75
	2-28-11,5"	10-5-11 1"
	3-6-11 1.5"	10-12-11 1"
	3-9-11 225"	10-18-11 21'
	3-15-11 ,75"	10-26-11 ,25"
	3-26-11 2"	11-2-11 ,5"
	3-28-11 ,5"	11-16-11 1.5"
	3-30-11 14"	11-22-11 1"
	4-5-11 1.75"	11-28-11 3'
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